

CLAIMS

1. An accessory device for a mobile telecommunications terminal, wherein the mobile telecommunications terminal comprises media processing circuitry adapted to provide media processing functionality in the mobile telecommunications terminal and means for coupling to the accessory device, the accessory device comprising:
- media processing circuitry adapted to provide media processing functionality in the accessory device;
- coupling means adapted to establish a communication link between the accessory device and the mobile telecommunications terminal; and
- accessory interface circuitry adapted to transfer a message to the mobile telecommunications terminal via the coupling means, said message comprising a specification of at least a part of the media processing functionality provided by the accessory device media processing circuitry.
2. A device according to claim 1, wherein the device is adapted to transfer a message to the mobile telecommunications terminal comprising a command to the mobile telecommunications terminal to disable the specified processing functionality in the media processing circuitry in the mobile telecommunications terminal.
3. A device according to any of claims 1 or 2, wherein the accessory interface circuitry is adapted to receive a request, from the mobile telecommunications terminal, for a transfer of the message before transferring the message to the mobile communications terminal.
4. A device according to any preceding claim, comprising media transferring circuitry for transferring media data between the accessory device and the mobile telecommunications terminal.

5. A device according to claim 4, wherein the media transferring circuitry is adapted to transfer audio data, video data or image data.

6. A device according to any preceding claim,
5 wherein the media processing circuitry is adapted to perform an echo-canceling algorithm.

7. A device according to any preceding claim, wherein the media processing circuitry is adapted to perform a frequency equalizing algorithm.

10 8. A method for providing media processing capabilities for a mobile telecommunications terminal, the method comprising the steps of:

coupling an accessory device with media processing capabilities to the mobile telecommunications terminal;

15 transferring a message from the accessory device to the mobile telecommunications terminal via said coupling, said message comprising a specification of at least a part of the media processing functionality provided by the accessory device.

20 9. A method according to claim 8, wherein the message comprises a command to the mobile communications terminal to disable the specified processing functionality in the media processing circuitry in the mobile telecommunications terminal.

25 10. A method according to any of claims 8 or 9, wherein the accessory interface circuitry receives a request, from the mobile telecommunications terminal, for a transfer of the message before transferring the message to the mobile communications terminal.

30 11. A method according to any of claims 8-10, wherein the accessory device transfers media data which is processed in the accessory device in accordance with the specified processing functionality.

12. A method according to any of claims 8-11,
35 wherein the transferred media is audio data, video data or image data.

13. A method according to any of claims 8-12,
wherein the media processing in the accessory device
comprises an echo-canceling algorithm.

14. A method according to any of claims 8-12,
5 wherein the media processing in the accessory device
comprises a frequency equalizing algorithm.